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Dixon et al. (43) **Pub. Date: Jan. 30, 2003**(54) **IMAGING SYSTEM INCLUDING DETECTOR
FRAMING NODE****Publication Classification**(75) **Inventors:** Walter Vincent Dixon, Delanson, NY
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(US)(51) **Int. Cl.⁷** **G06K 9/00**
(52) **U.S. Cl.** **382/132**(57) **ABSTRACT**

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An imaging system includes a programmable detector framing node controlling generation of radiation and controlling radioscopic image detection. Radioscopic image data is acquired and communicated independently of a host computer operating system. The detector framing node controls events in real time according to an event instruction sequence and communicates received radioscopic image data to host memory through a computer communication bus. Image data is received from a selected flat panel detector of a plurality of different flat panel detectors. The image data is selectively reordered according to parameters of the selected flat panel detector before communication to host memory.

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